

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028703.D
 Acq On : 13 Sep 2017 18:05
 Operator : SJ/JU
 Sample : I5187-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 05:40:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

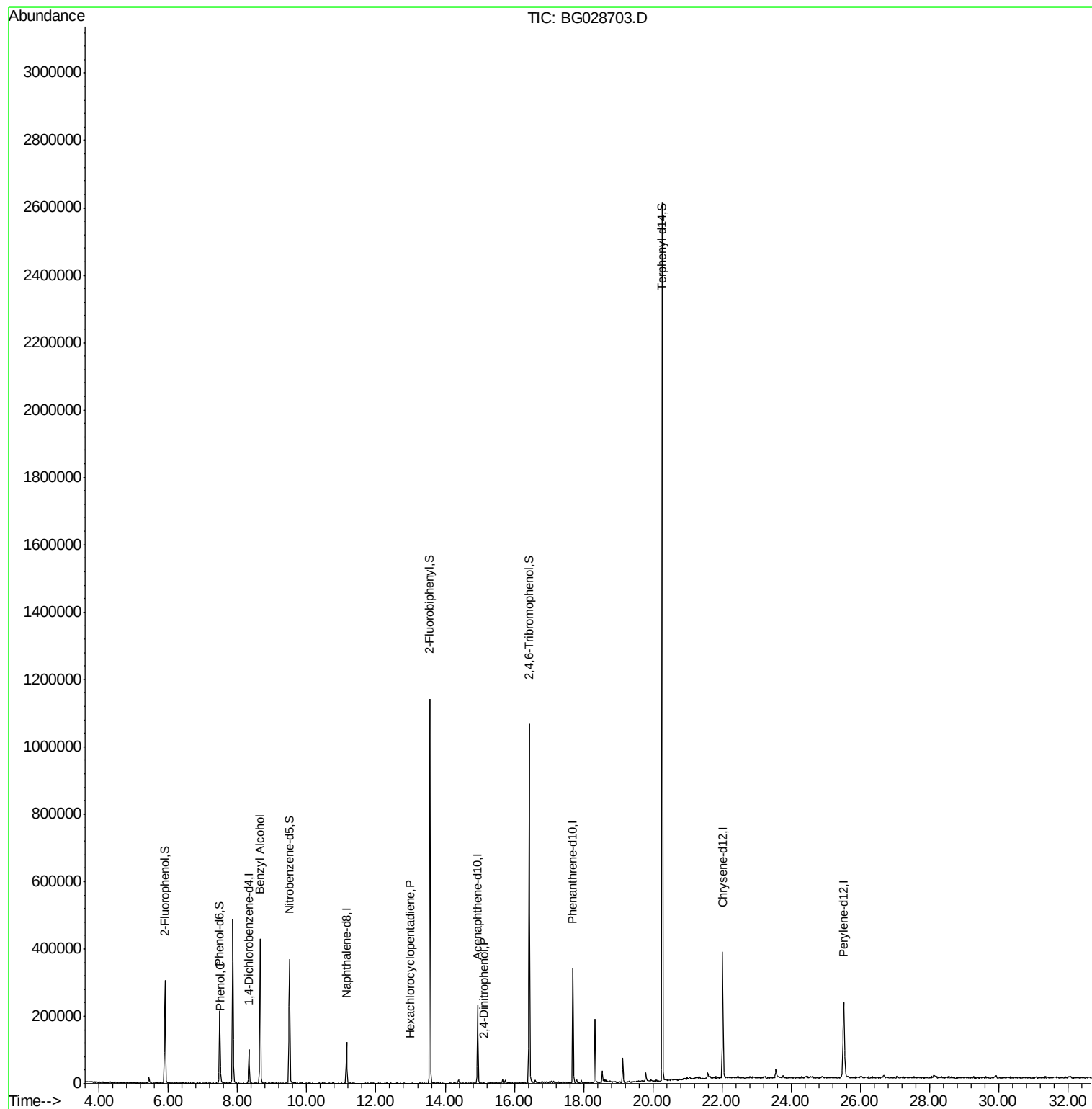
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	26183	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	108108	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	82305	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	224104	20.00	ng	0.00
75) Chrysene-d12	22.02	240	269993	20.00	ng	-0.01
86) Perylene-d12	25.52	264	273708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	130029	81.94	ng	0.00
7) Phenol-d6	7.48	99	130916	54.80	ng	0.00
23) Nitrobenzene-d5	9.50	82	235443	104.18	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	224968	165.26	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	618914	100.27	ng	0.00
78) Terphenyl-d14	20.28	244	1246629	98.47	ng	0.00
Target Compounds						
10) Phenol	7.51	94	7367	2.922	ng	90
15) Benzyl Alcohol	8.66	79	4128	2.213	ng	# 72
40) Hexachlorocyclopentadiene	12.98	237	83	7.660	ng	# 29
53) 2,4-Dinitrophenol	15.11	184	54	8.062	ng	# 15

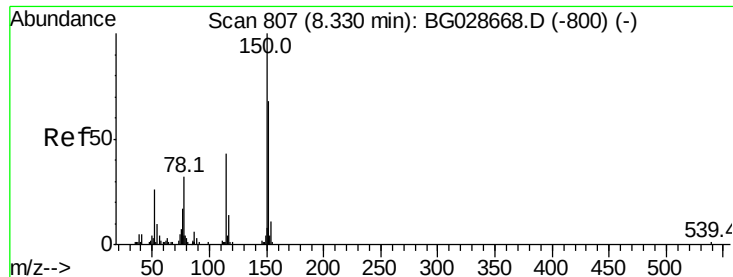
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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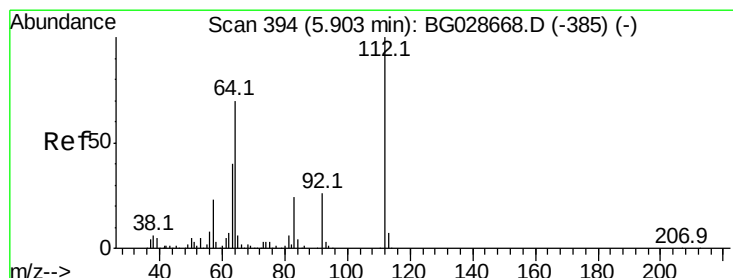
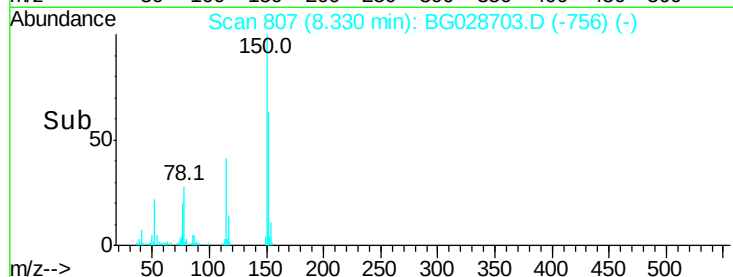
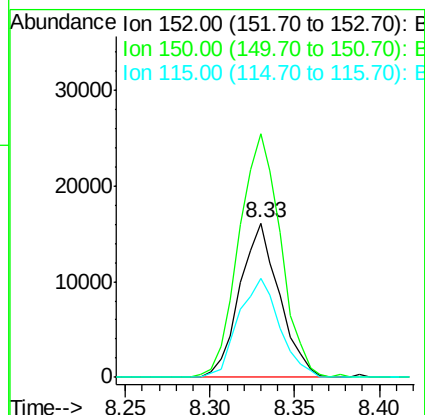
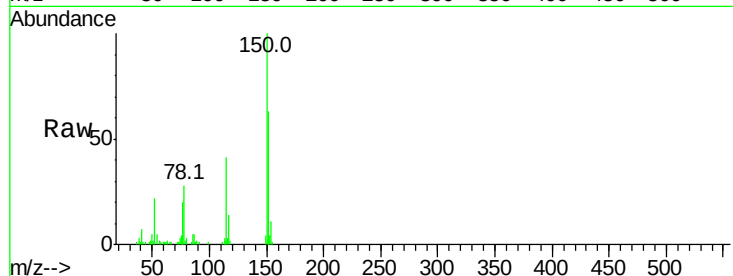


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028703.D
Acq: 13 Sep 2017 18:05

Instrument :
BNA_G
ClientSampleId :

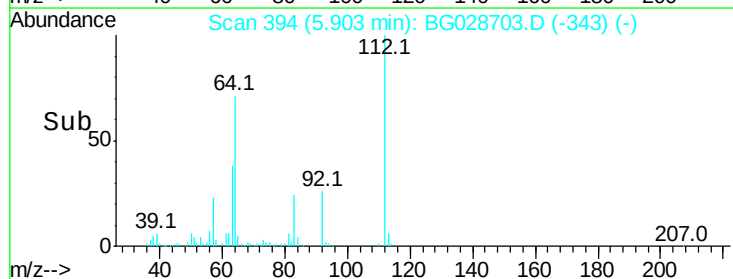
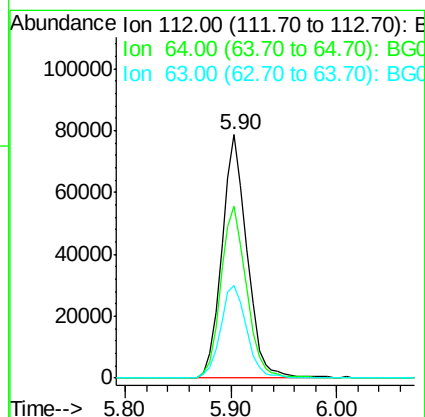
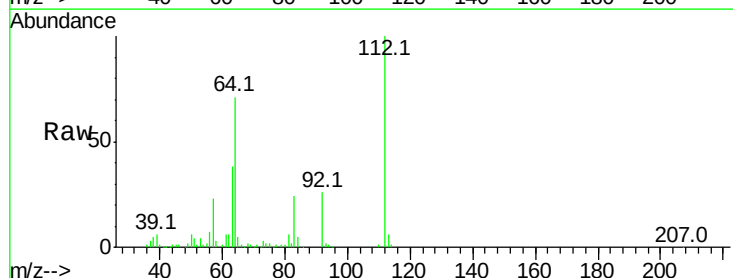
Tot Ion:152 Resp: 26183
Ion Ratio Lower Upper
152 100
150 158.0 114.0 171.0
115 64.1 48.1 72.1

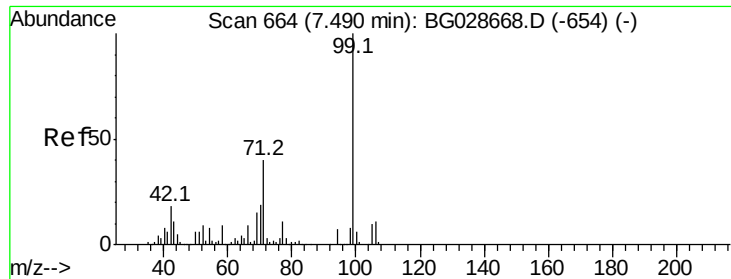


#5

2-Fluorophenol
Concen: 81.944 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028703.D
Acq: 13 Sep 2017 18:05

Tgt Ion:112 Resp: 130029
Ion Ratio Lower Upper
112 100
64 70.9 61.8 92.6
63 38.2 37.2 55.8





#7

Phenol-d6

Concen: 54.797 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028703.D

Acq: 13 Sep 2017 18:05

Instrument :

BNA_G

ClientSampleId :

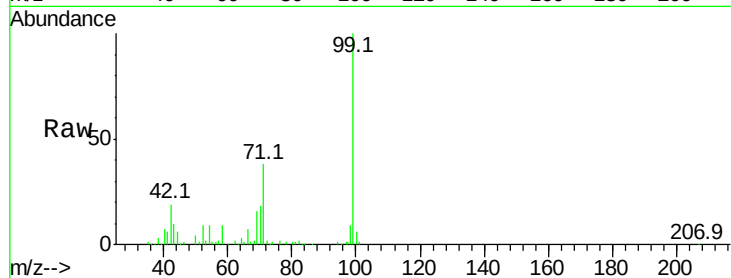
Tot Ion: 99 Resp: 130916

Ion Ratio Lower Upper

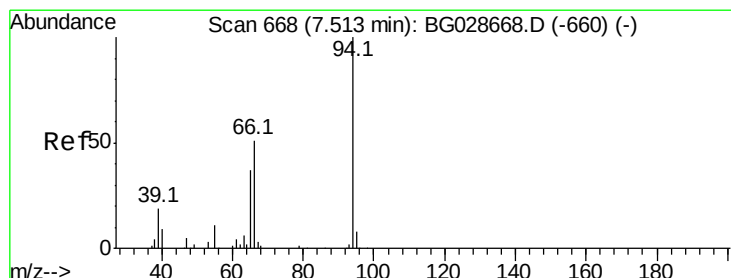
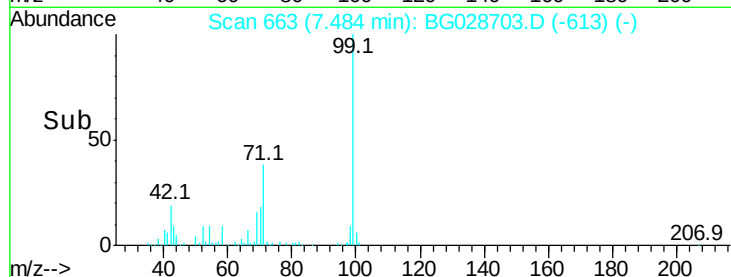
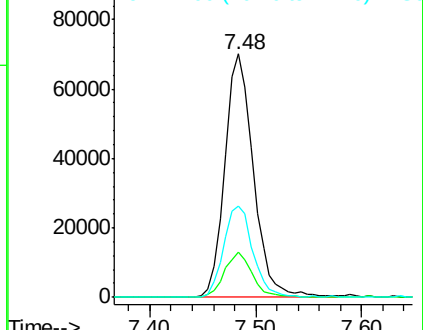
99 100

42 18.7 20.5 30.7#

71 37.7 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.922 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG028703.D

Acq: 13 Sep 2017 18:05

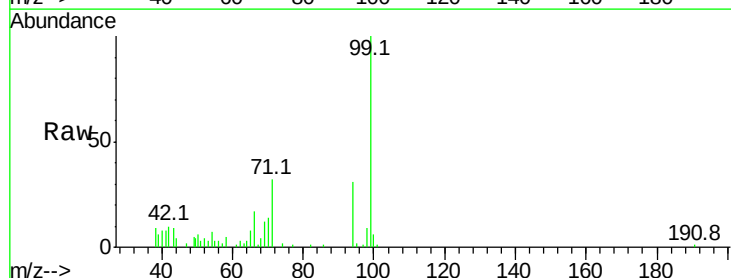
Tgt Ion: 94 Resp: 7367

Ion Ratio Lower Upper

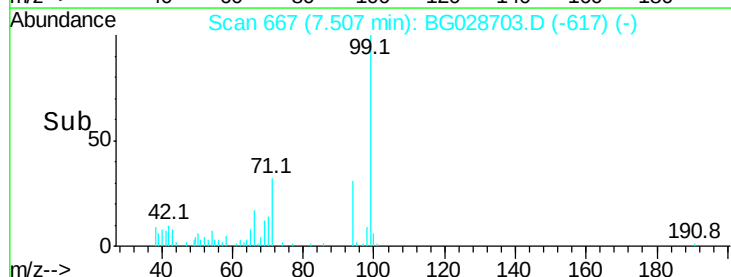
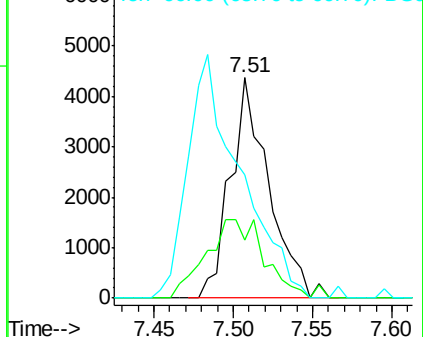
94 100

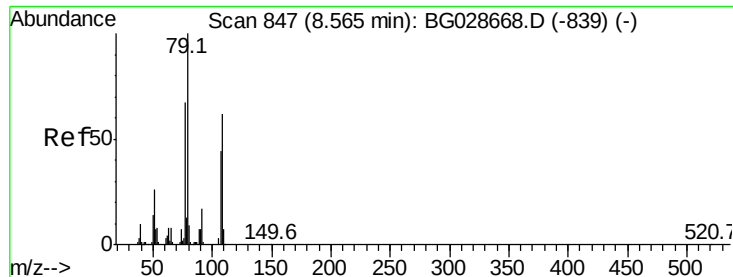
65 26.5 20.6 60.6

66 55.7 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.213 ng

RT: 8.66 min Scan# 863

Delta R.T. 0.09 min

Lab File: BG028703.D

Acq: 13 Sep 2017 18:05

Instrument :

BNA_G

ClientSampleId :

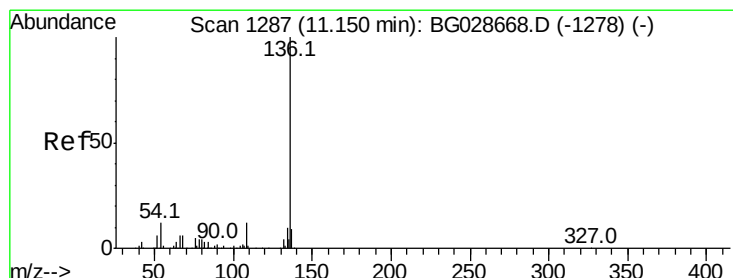
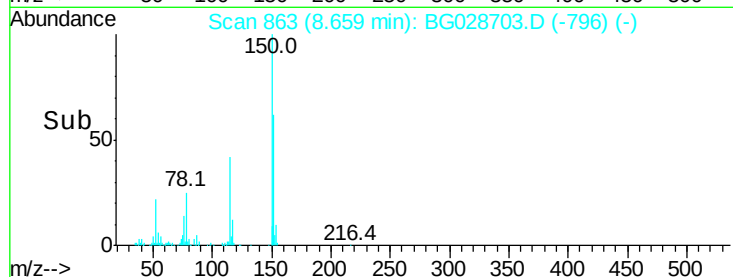
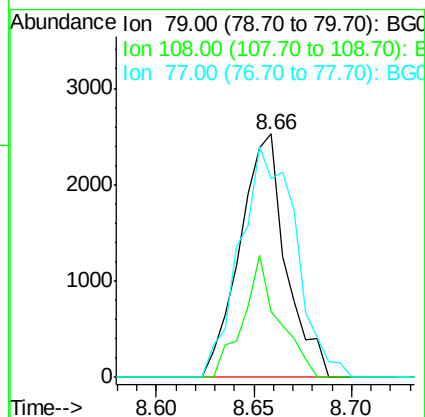
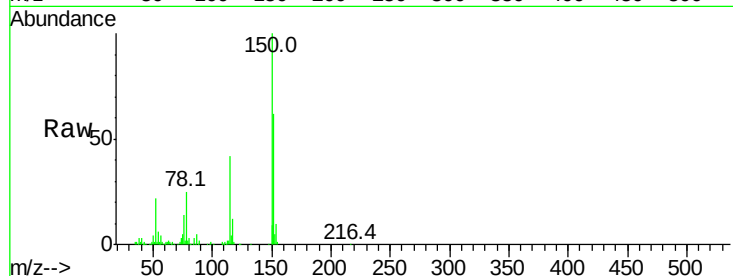
Tot Ion: 79 Resp: 4128

Ion Ratio Lower Upper

79 100

108 27.2 45.5 68.3#

77 81.4 54.3 81.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028703.D

Acq: 13 Sep 2017 18:05

Tgt Ion: 136 Resp: 108108

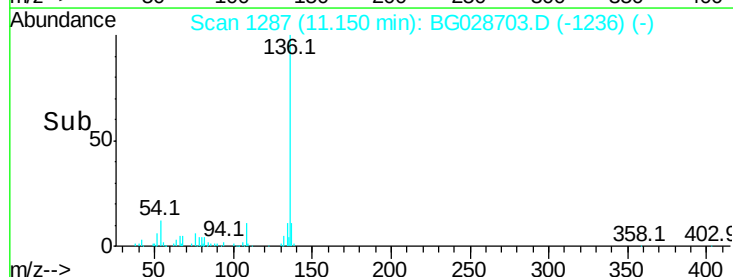
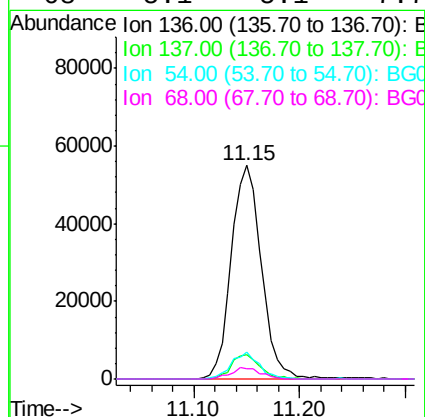
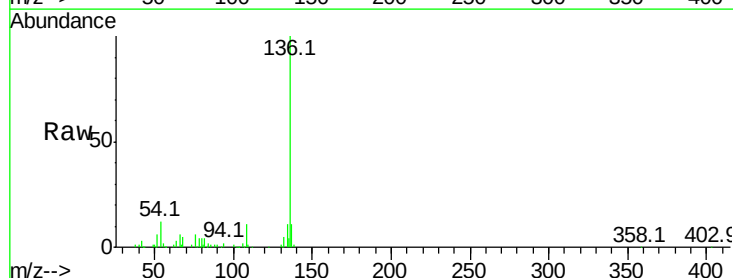
Ion Ratio Lower Upper

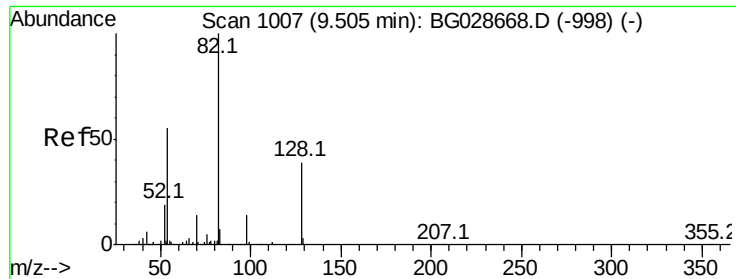
136 100

137 11.5 8.9 13.3

54 12.3 9.3 13.9

68 5.1 5.1 7.7#

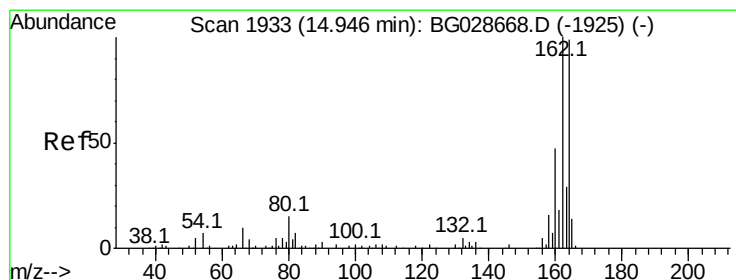
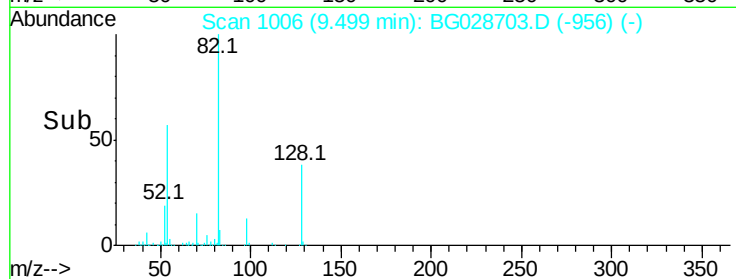
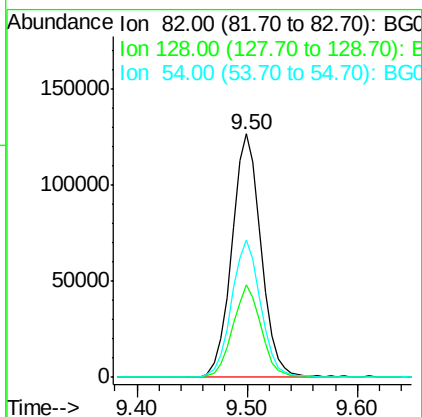
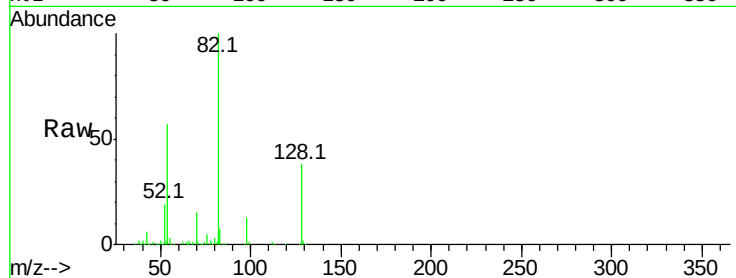




#23
 Nitrobenzene-d5
 Concen: 104.183 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028703.D
 Acq: 13 Sep 2017 18:05

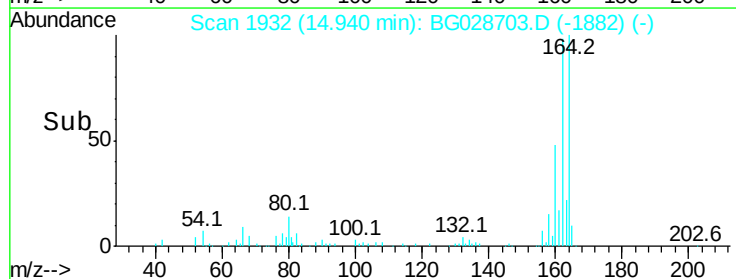
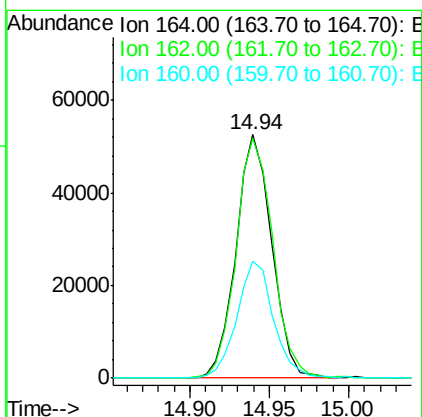
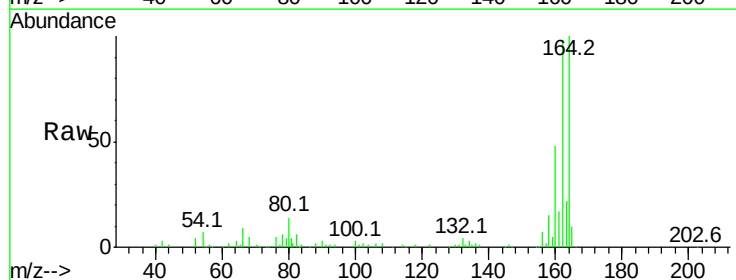
Instrument :
 BNA_G
 ClientSampleId :

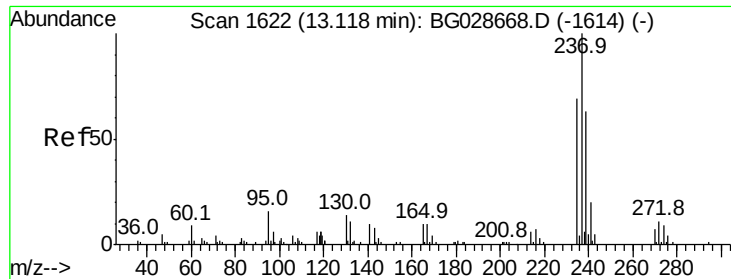
Tot Ion: 82 Resp: 235443
 Ion Ratio Lower Upper
 82 100
 128 37.9 26.4 39.6
 54 56.5 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028703.D
 Acq: 13 Sep 2017 18:05

Tgt Ion: 164 Resp: 82305
 Ion Ratio Lower Upper
 164 100
 162 98.3 85.1 127.7
 160 48.2 34.7 52.1





#40

Hexachlorocyclopentadiene

Concen: 7.660 ng

RT: 12.98 min Scan# 1599

Delta R.T. -0.13 min

Lab File: BG028703.D

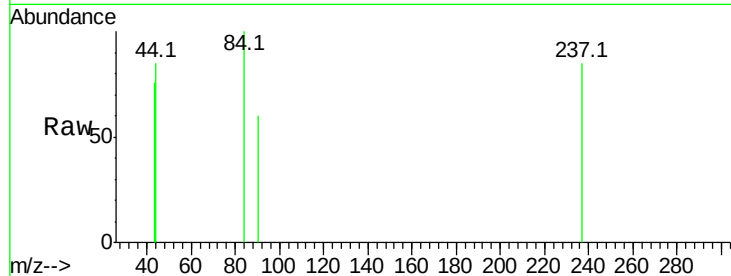
Acq: 13 Sep 2017 18:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	83
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



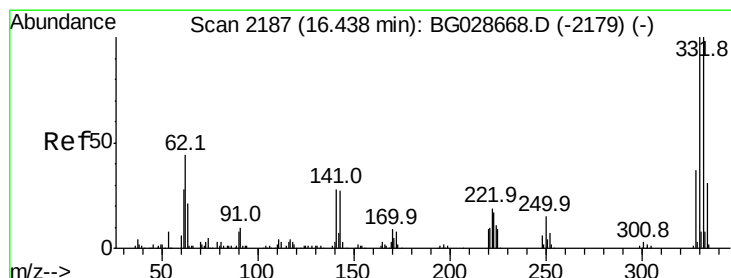
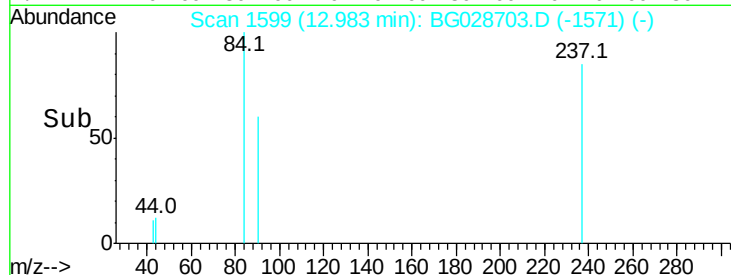
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

12.98

Time--> 12.96 12.98 13.00



#41

2,4,6-Tribromophenol

Concen: 165.263 ng

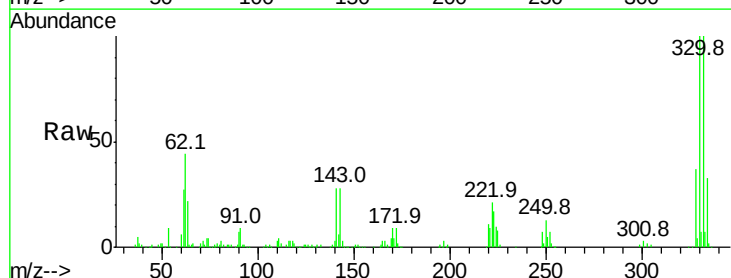
RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028703.D

Acq: 13 Sep 2017 18:05

Tgt Ion:	330	Resp:	224968
Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	31.0	32.1	48.1#



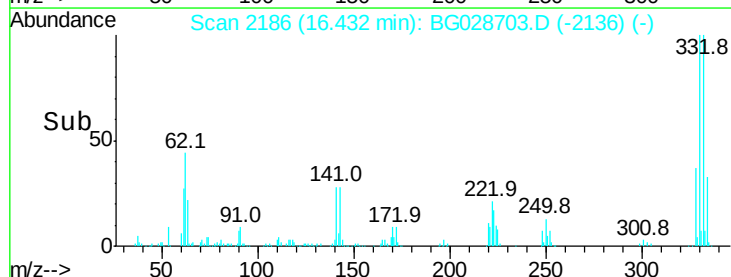
Abundance Ion 329.80 (329.50 to 330.50): E

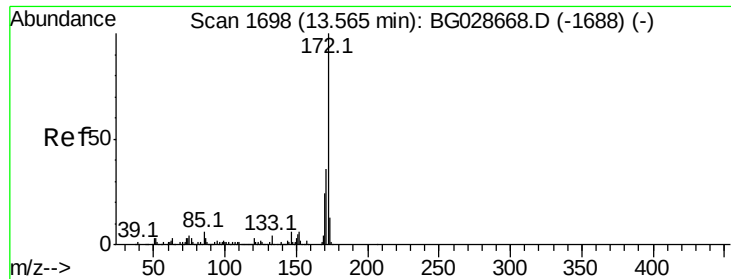
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.43

Time--> 16.40 16.50

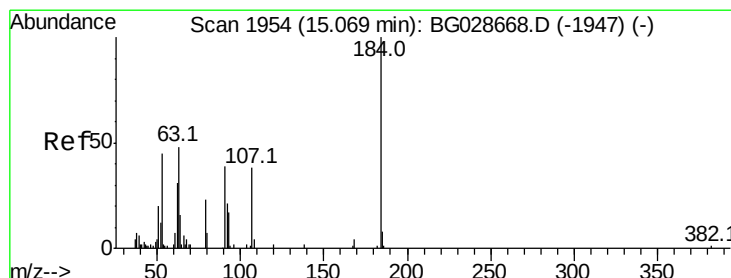
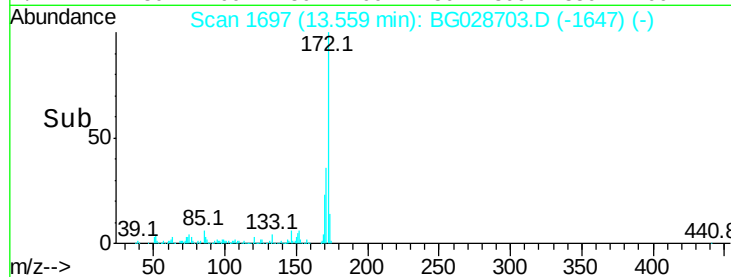
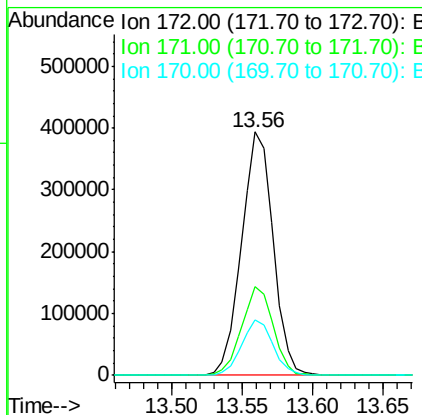
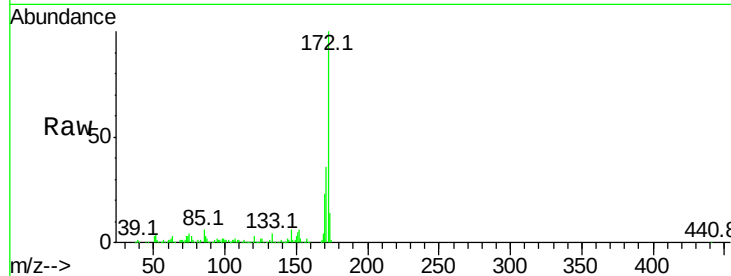




#44
2-Fluorobiphenyl
Concen: 100.270 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028703.D
Acq: 13 Sep 2017 18:05

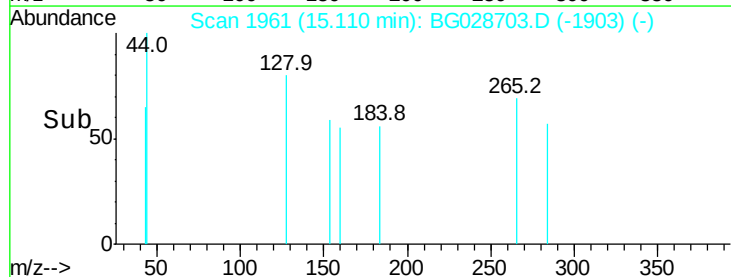
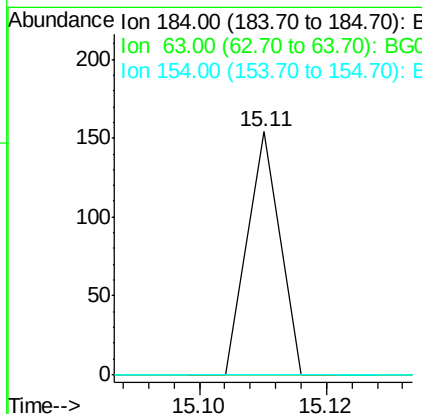
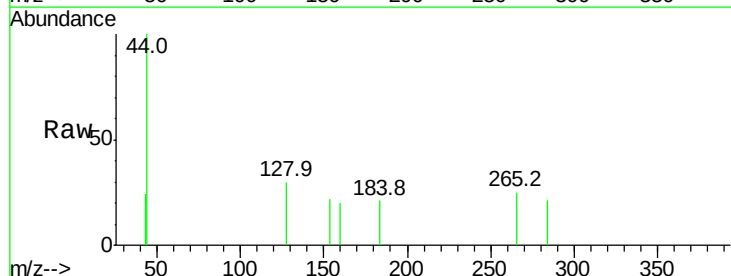
Instrument :
BNA_G
ClientSampleId :

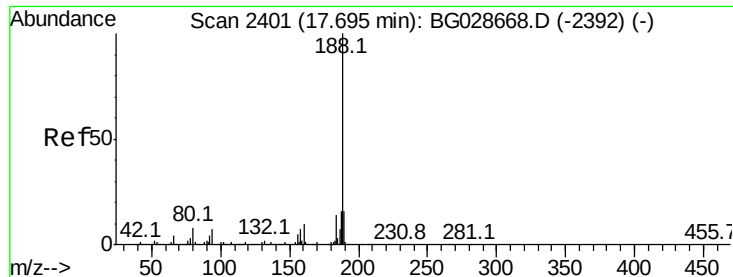
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	22.9	21.8	32.6



#53
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 15.11 min Scan# 1961
Delta R.T. 0.04 min
Lab File: BG028703.D
Acq: 13 Sep 2017 18:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028703.D

Acq: 13 Sep 2017 18:05

Instrument :

BNA_G

ClientSampleId :

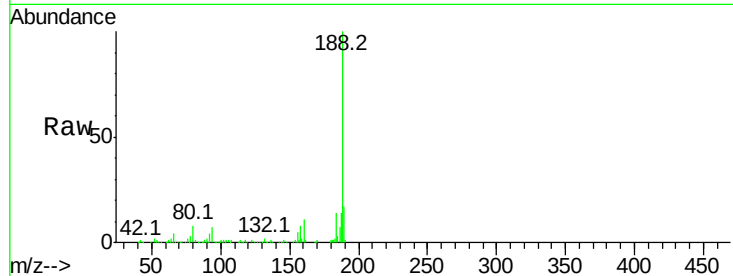
Tot Ion:188 Resp: 224104

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

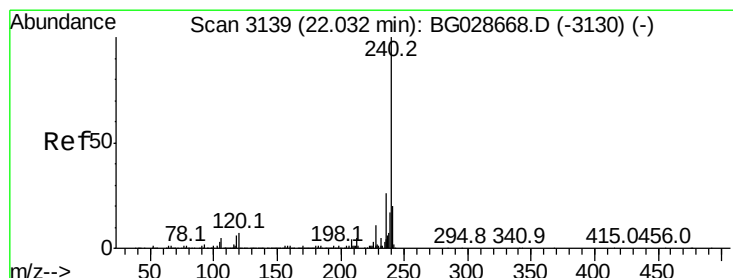
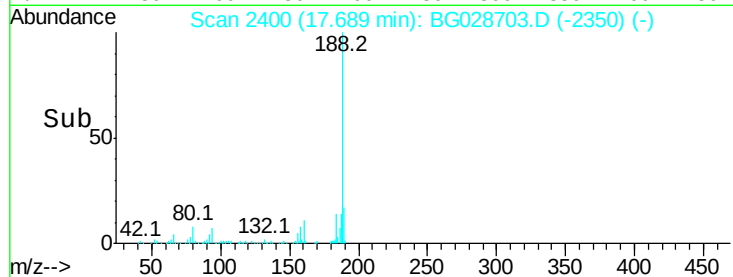
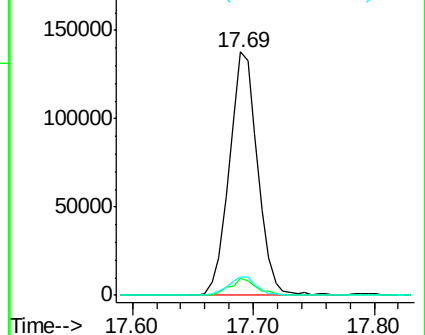
80 7.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028703.D

Acq: 13 Sep 2017 18:05

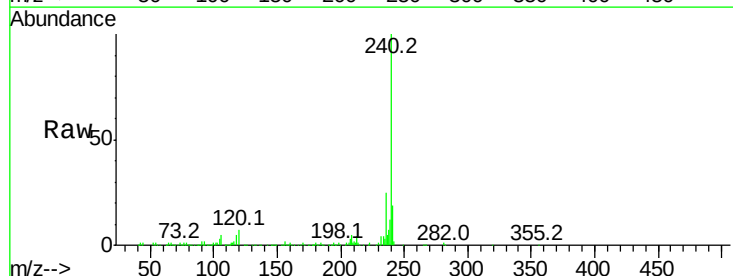
Tgt Ion:240 Resp: 269993

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

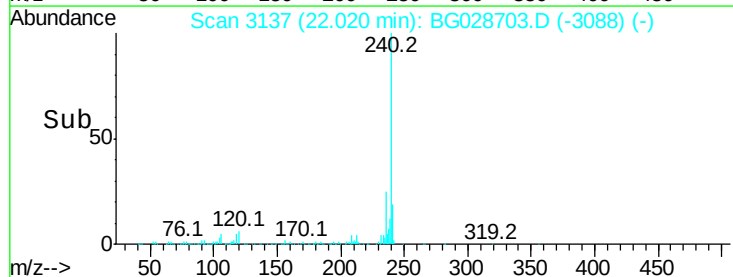
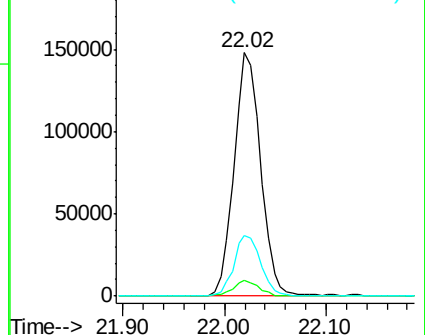
236 25.0 22.2 33.4

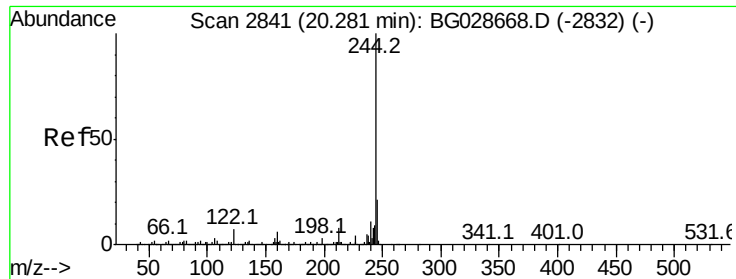


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

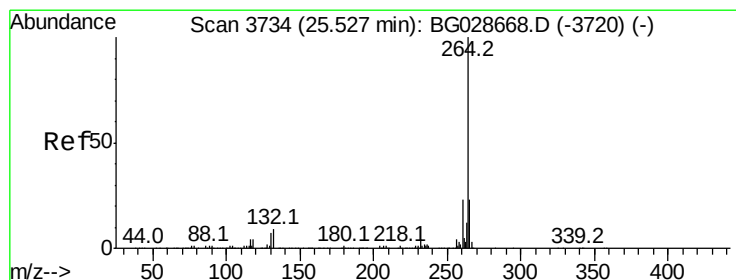
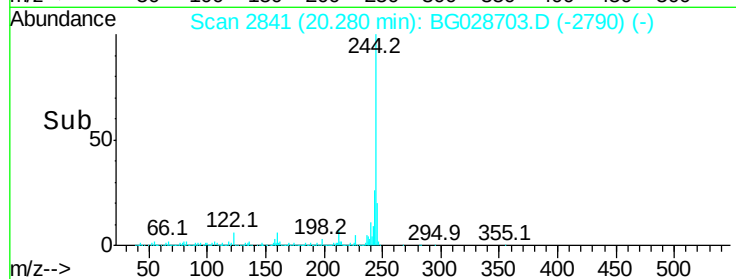
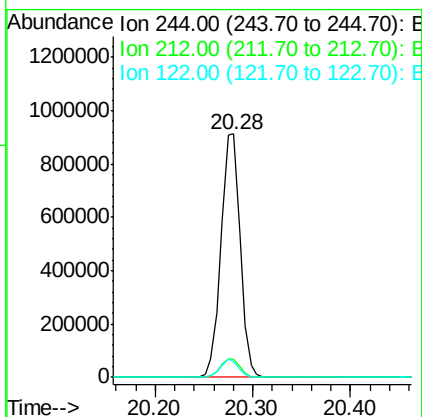
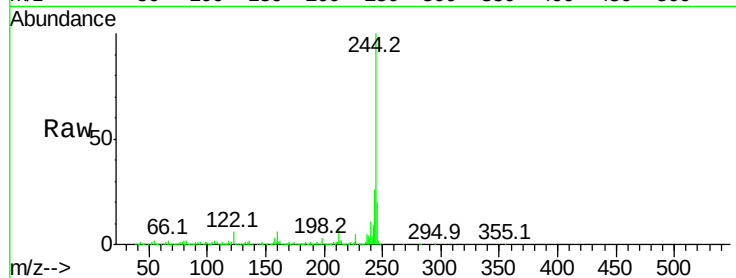




#78
 Terphenyl-d14
 Concen: 98.466 ng
 RT: 20.28 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BG028703.D
 Acq: 13 Sep 2017 18:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1246629
 Ion Ratio Lower Upper
 244 100
 212 7.4 10.0 15.0#
 122 6.4 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.01 min
 Lab File: BG028703.D
 Acq: 13 Sep 2017 18:05

Tgt Ion:264 Resp: 273708
 Ion Ratio Lower Upper
 264 100
 260 22.5 21.8 32.8
 265 22.0 18.2 27.4

